

**BSP125 E6327 Information**


For Reference Only

**Part Number** [BSP125 E6327](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 600V 120MA SOT-223  
**Package** TO-261-4, TO-261AA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**BSP125 E6327 Specifications**

Manufacturer Part Number	<a href="#">BSP125 E6327</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-261-4, TO-261AA
Series	SIPMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	600V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	120mA (Ta)
Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> )	4.5V, 10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	2.3V @ 94μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	6.6nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	150pF @ 25V
V <sub>gs</sub> (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.8W (Ta)
R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>	45 Ohm @ 120mA, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-SOT223-4
Package / Case	TO-261-4, TO-261AA

[Report errors?](#)

## BSP125 E6327 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## BSP125 E6327 Payment Methods



## BSP125 E6327 Shipping Methods



If you have any question about BSP125 E6327, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)